

"Express Mail" mailing label number EL 697 345 621 US I hereby certify that this document and referenced attachments are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, addressed to: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231 on 2-12-01

By: Nancy Ramos

Printed: Nancy Ramos

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: LaBrie et al.

Title: NOVEL HUMAN TUBBY HOMOLOG

Serial No.: To Be Assigned

Filing Date:

Herewith

Examiner: To Be Assigned

Group Art Unit:

To Be Assigned

Official Draftsman

Commissioner for Patents

Washington, D.C. 20231

SUBMISSION OF FORMAL DRAWINGS

Sir:

Transmitted herewith are Figure(s) 1A, 1B, 1C, 1D, 2A, 2B, 3A, 3B, as eight (8) sheets of formal drawings for this application. Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c) on the reverse side of the drawings.

Applicants believe that no fee is due with this paper. However, if the Commissioner determines that a fee is necessary, the Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. **09-0108. A duplicate copy of this communication is enclosed.**

If there are any questions regarding the above, the Examiner is invited to call the undersigned at 650-855-0555.

Respectfully submitted,

INCYTE GENOMICS, INC.

Richard C. Ekstrom

Richard C. Ekstrom

Reg. No. 37,027

Direct Dial Telephone: (650) 843-7352

Date: 12 February 2001

Date: 12, February 2001

Shirley A. Recipon

Shirley A. Recipon

Reg. No. 47,016

Direct Dial Telephone: (650) 621-8555

3160 Porter Drive
Palo Alto, California 94304
Phone: (650) 855-0555
Fax: (650) 845-4166

[illegible]

FIGURE 1A

765	774	783	792	801	810
AAA AAG AGC AAA ACA GCC AAC TAC CTT ATC TCC ATT GAT CCA GTT GAT TTA TCT					
K K S K T A N Y L I S I D P V D L S					
819	828	837	846	855	864
CGT GAA GGA GAA AGT TAT GTC GGC AAG CTT AGA TCC AAC CTC ATG GGG ACC AAG					
R E G E S Y V G K L R S N L M G T K					
873	882	891	900	909	918
TTT ACA GTT TAT GAC CGT GGC ATC TGC CCC ATG AAG GGC CGG GGT TTG GTA GGA					
F T V Y D R G I C P M K G R G L V G					
927	936	945	954	963	972
GCG GCC CAC ACC CGG CAG GAG CTG GCT GCT GCC ATC ATC TCC TAT GAA ACA AAC GTA CTT					
A A H T R Q E L A A I S Y E T N V L					
981	990	999	1008	1017	1026
GGA TTT AAA GGT CCT AGG AAA ATG TCT GTG ATC ATT CCT GGA ATG ACA CTG AAT					
G F K G P R K M S V I I P G M T L N					
1035	1044	1053	1062	1071	1080
CAT AAG CAG ATC CCC TAT CAG CCA CAA AAC AAC CAT GAC AGT TTG CTC TCA AGG					
H K Q I P Y Q P Q N N H D S L L S R					
1089	1098	1107	1116	1125	1134
TGG CAG AAC AGA ACT ATG GAA AAT CTG GTT GAG CTG CAC AAC AAG GCC CCC GTC					
W Q N R T M E N L V E L L H N K A P V					

FIGURE 1C

1143	1152	1161	1170	1179	1188
TGG AAC AGT GAC ACT CAG TCC TAT GTC CTC AAC TTC CGT GGC CGG GTC ACT CAG					
W N S D T Q S Y V L N F R G R V T Q					
1197	1206	1215	1224	1233	1242
GCG TCT GTG AAG AAC TTC CAG ATA GTC CAC AAA AAT GAC CCT GAT TAT ATA GTC					
A S V K N F Q I V H K N D P D Y I V					
1251	1260	1269	1278	1287	1296
ATG CAG TTT GGA CGT GTG GCA GAT GAC GTG TTC ACA CTG GAT TAC AAC TAC CCA					
M Q F G R V A D D V F T L D Y N Y P					
1305	1314	1323	1332	1341	1350
CTT TGT GCA GTA CAG GCC TTT GGC ATC GGT CTT TCT AGC TTT GAC AAA CGT ATC					
L C A V Q A F G I G L S S F D K R I					
1359	1368	1377	1386	1395	1404
CAA ACC TTG AGA ATG CAG GAG CTC TGT GAG CTC CAC CGT CAG CAC CAT TCA GCT					
Q T L R M Q E L C E L H R Q H H S A					
1413	1422	1431	1440	1449	1458
GCA TCC CTT GTG CAC AGG ACT GCC TGC CAG CGT TGG GTG GGA CAC CCG TGG CGG					
A S L V H R T A C Q R W V G H P W R					
1467	1476	1485	1494	1503	1512
CAG CTC CCT CAG TCT TCC CTT GTC GGC CCT GAC CTN TNA CTA CAT ATG TAG NAG					
Q L P Q S S L V G P D L X L H M					
1521					
CCC GAG ACC AAA AA 3'					

FIGURE 1D

1	M	E	A	S	R	C	R	L	S	P	S	G	D	S	V	F	H	E	E	M	M	K	M	R	Q	A	K	L	D	Y	Q	R	L	L	E	K	R	Q	R	492199						
11	M	-	T	S	K	P	H	S	D	W	I	P	Y	S	V	L	D	D	E	G	S	N	L	R	Q	Q	K	L	D	R	Q	R	A	L	L	E	Q	K	Q	K	GI 1279766					
11	M	-	T	S	K	P	H	S	D	W	I	P	Y	S	V	L	D	D	E	G	R	N	L	R	Q	Q	K	L	D	R	Q	R	A	L	L	E	Q	K	Q	K	GI 1305497					
41	K	K	R	L	E	P	F	M	V	Q	P	N	P	E	A	R	L	R	R	A	K	P	R	A	S	D	E	Q	T	P	L	V	N	C	H	T	P	H	S	-	492199					
40	K	K	R	Q	E	P	L	M	V	Q	A	N	A	D	G	R	P	R	S	R	R	A	R	Q	S	E	E	Q	A	P	L	V	E	S	Y	L	S	S	S	G	GI 1279766					
40	K	K	R	Q	E	P	L	M	V	Q	A	N	A	D	G	R	P	R	S	R	R	A	R	Q	S	E	E	Q	A	P	L	V	E	S	Y	L	S	S	S	G	GI 1305497					
80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	N	V	I	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	492199							
80	S	T	S	Y	Q	V	Q	E	A	D	S	I	A	S	V	Q	L	G	A	T	R	P	P	A	P	A	S	A	K	K	S	K	G	A	A	S	G	G	Q	GI 1279766						
80	S	T	S	Y	Q	V	Q	E	A	D	S	L	A	S	V	Q	L	G	A	T	R	P	T	A	P	A	S	A	K	R	T	K	A	A	T	A	G	G	Q	GI 1305497						
84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H	G	I	D	G	P	A	A	V	L	K	P	D	-	E	V	H	A	P	S	V	S	S	V	E	E	492199					
120	G	G	A	P	R	K	E	K	K	G	K	H	K	G	T	S	G	P	A	T	L	A	E	D	K	S	E	A	Q	G	P	V	Q	I	L	T	V	G	Q	S	GI 1279766					
120	G	G	A	R	K	E	K	K	G	K	H	K	G	T	S	G	P	A	L	A	E	D	K	S	E	A	Q	G	P	V	Q	I	L	T	V	G	Q	S	GI 1305497							
111	D	A	E	N	T	V	D	T	A	S	K	P	G	-	-	-	-	-	-	-	-	-	-	-	L	Q	E	R	L	Q	K	H	D	I	S	E	S	V	N	F	D	E	E	492199		
160	D	H	D	K	D	A	G	E	T	A	A	G	G	G	A	Q	P	S	G	Q	D	L	R	A	T	M	Q	R	K	G	I	S	S	S	M	S	F	D	E	D	GI 1279766					
160	D	H	A	Q	D	A	G	E	T	A	A	G	G	G	E	R	P	S	G	Q	D	L	R	A	T	M	Q	R	K	G	I	S	S	S	M	S	F	D	E	D	GI 1305497					
143	T	D	G	I	S	Q	S	A	C	L	E	-	-	-	-	-	-	-	-	-	-	-	-	R	P	N	S	A	S	S	Q	N	S	T	D	T	G	T	S	G	S	A	T	A	A	492199
200	E	-	D	E	D	E	N	S	S	S	S	S	Q	L	N	S	N	T	R	P	S	S	A	T	S	R	K	S	I	R	E	A	A	S	A	P	S	P	A	A	GI 1279766					
200	E	E	D	E	E	N	S	S	S	S	S	S	Q	L	N	S	N	T	R	P	S	S	A	T	S	R	K	S	V	R	E	A	A	S												

FIGURE 2A

216	G L F P T Y Y M Y L E K E E N O K I F L L A A R K R K K S K T A N Y L I S I D P	492199
278	G M Y P T Y F L H L D D R E D G K K V F L L A C G R K R K K S K T S N Y L I S V D P	GI 1279766
279	G M Y P T Y F L H L D D R E D G K K V F L L A C G R K R K K S K T S N Y L I S V D P	GI 1305497
256	V D L S R E G E S Y V G K L R S N L M G T K F T V Y D R G I C P M K G R G - L V	492199
318	T D L S R G G D S Y I G K L R S N L M G T K F T V Y D N G V N P Q K A S S S T L	GI 1279766
319	T D L S R G G D S Y I G K L R S N L M G T K F T V Y D N G V N P Q K A S S S T L	GI 1305497
295	G A A H T R Q E L A A I S Y E T N V L G F K G P R K M S V I I P G M T L N H K Q	492199
358	E S G T L R Q E L A A V C Y E T N V L G F K G P R K M S V I V P G M N M V H E R	GI 1279766
359	E S G T L R Q E L A A V C Y E T N V L G F K G P R K M S V I V P G M N M V H E R	GI 1305497
335	I P Y Q P O N N H D S L L S R W Q N R R T M E N L V E L H N K A P V W N S D T Q S	492199
398	V C I R P R N E H E T L L A R W Q N K N T E S I I E L Q N K T P V W N D D T Q S	GI 1279766
399	V S I R P R N E H E T L L A R W Q N K N T E S I I E L Q N K T P V W N D D T Q S	GI 1305497
375	Y V L N F R G R V T Q A S V K N F Q I V H K N D P D Y I V M Q F G R V A D D V F	492199
438	Y V L N F H G R V T Q A S V K N F Q I I H G N D P D Y I V M Q F G R V A E D V F	GI 1279766
439	Y V L N F H G R V T Q A S V K N F Q I I H G N D P D Y I V M Q F G R V A E D V F	GI 1305497
415	T L D Y N Y P L C A V Q A F G I G L S S F D K R I Q T L R M Q E L C E L H R Q H	492199
478	T M D Y N Y P L C A L Q A F A I A L S S F D S K L - - - - -	GI 1279766
479	T M D Y N Y P L C A L Q A F A I A L S S F D S K L - - - - -	GI 1305497
455	H S A A S L V H R T A C Q R W V G H P W R Q L P Q S S L V G P D L X L H M	492199
503	- - - - - A C - - - - - E	GI 1279766
504	- - - - - A C - - - - - E	GI 1305497

FIGURE 2B

THIS CASE WAS OPENED BY THE FBI ON 10/10/68. IT WAS CLOSED BY THE FBI ON 10/10/68.

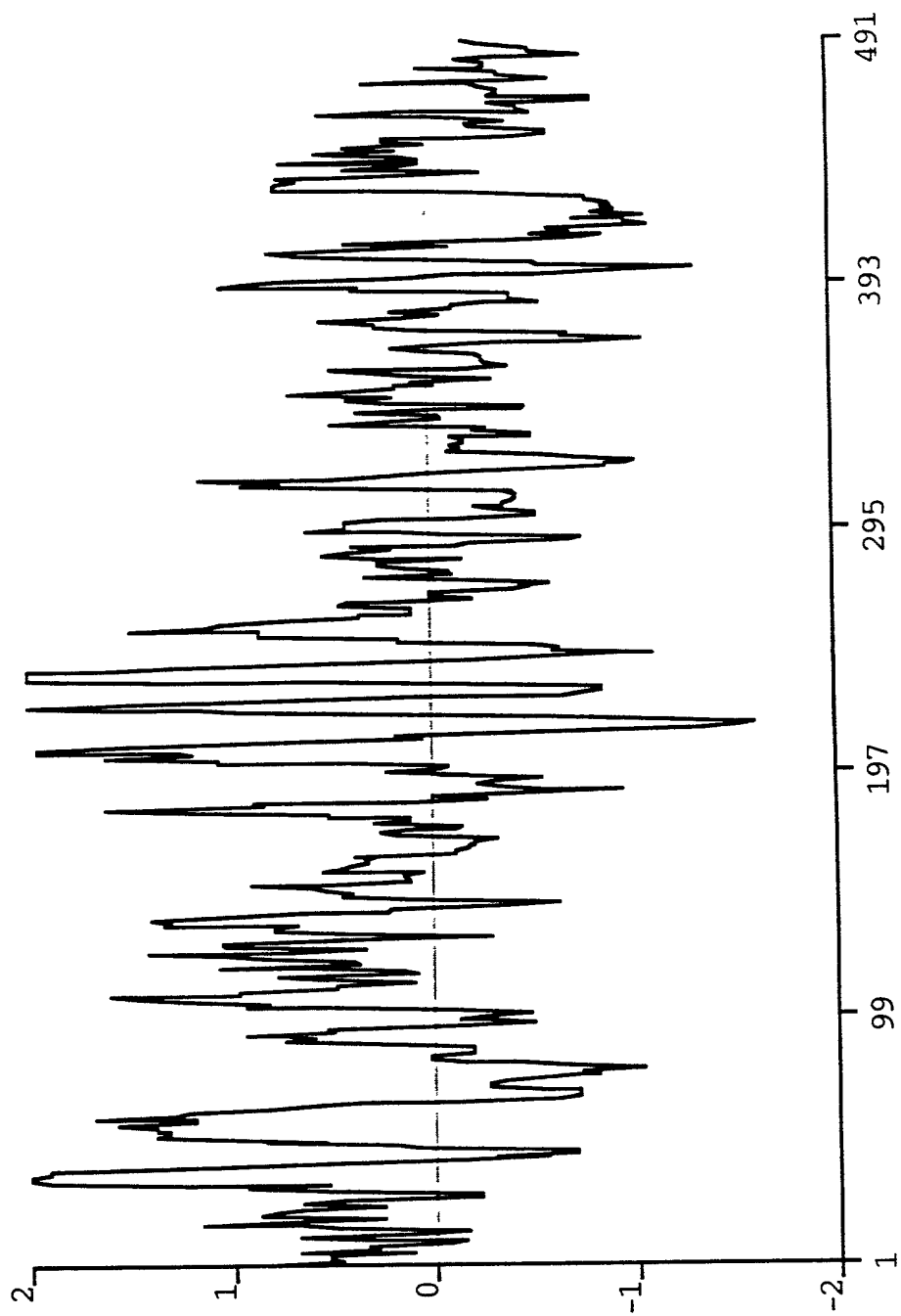


FIGURE 3A

THIS DOCUMENT CONTAINS NEITHER RECOMMENDATIONS NOR
CONCLUSIONS OF THE NATIONAL BUREAU OF STANDARDS
AND IS NOT TO BE USED FOR PROMOTING ANY PRODUCT

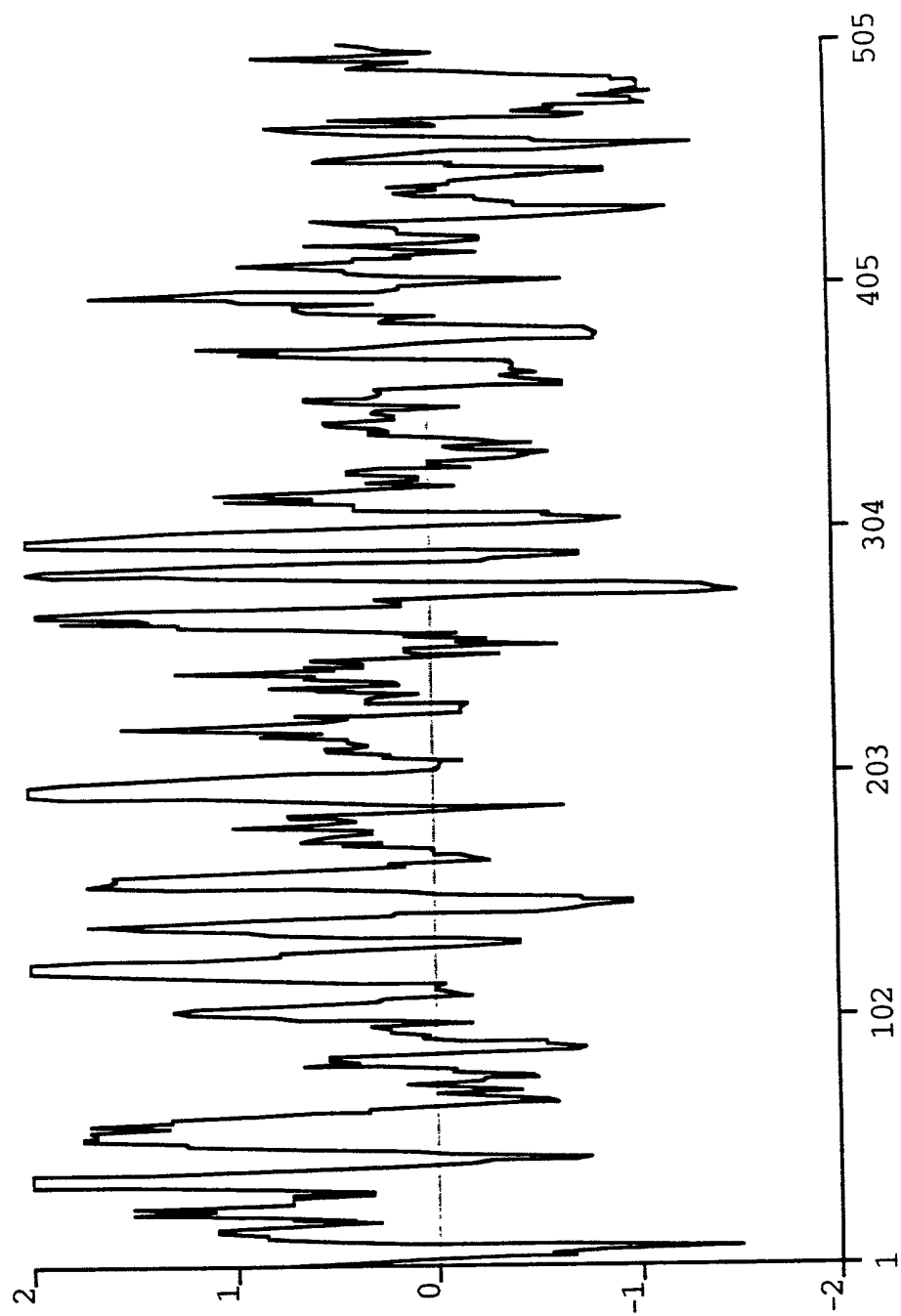


FIGURE 3B